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DECEMBER 08, 2003

PTAS

HEIDI S. NEBEL
801 GRAND, SUITE 3200
DES MOINES, IOWA 50309-2721

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 12/05/2003

REEL/FRAME: 014177/0439
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
PINKERTON, T. SCOTT

DOC DATE: 10/22/2003

ASSIGNOR:
HOWARD, JOHN A.

DOC DATE: 10/22/2003

ASSIGNOR:
WILD, JAMES R.

DOC DATE: 12/02/2003

ASSIGNEE:
PRODIGENE, INC.
101 GATEWAY BLVD., SUITE 100
COLLEGE STATION, TEXAS 77845

SERIAL NUMBER: 60430626
PATENT NUMBER:

FILING DATE: 12/03/2002
ISSUE DATE:

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014177/0439 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
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RECORDATION FORM COVER SHEET
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

T. Scott Pinkerton, John A. Howard and James R. Wild.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: (1,2) October 22, 2003 (3) December 2, 2003.

2. Name and address of receiving party(ies)

Name: Prodigene, Inc.

Internal Address: _____

Street Address: 101 Gateway Blvd., Suite 100City: College Station, State: Texas, Zip: 77846Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 60/430,826

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: HEIDI S. NEBEL, REG. NO. 37,719

Internal Address: _____

Street Address: 801 Grand, Suite 3200City: Des Moines, State: IA, Zip: 50309-2721

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed [Please charge any deficiency or credit any overpayment to Deposit Account No. 26-0084]☒ Authorized to be charged to deposit account8. Deposit account number: 26-0084

(Attach duplicate copy of this page if paying by deposit account)

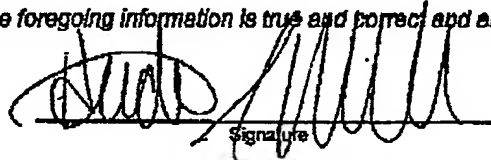
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

HEIDI S. NEBEL

Name of Person Signing



Signature

12/5/03

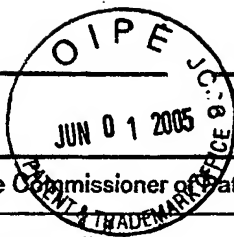
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☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: (1,2) October 22, 2003; (3) December 2, 2003.

2. Name and address of receiving party(ies)

Name: Prodigene, Inc.

Internal Address: _____

Street Address: 101 Gateway Blvd., Suite 100

City: College Station, State: Texas, Zip: 77845

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 60/430,626

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: HEIDI S. NEBEL, REG. NO. 37,719

Internal Address: _____

Street Address: 801 Grand, Suite 3200

City: Des Moines, State: IA, Zip: 50309-2721

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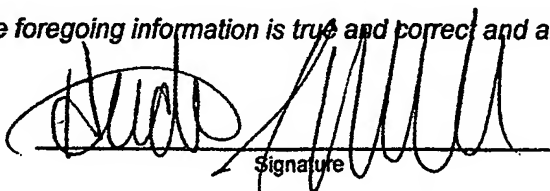
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HEIDI S. NEBEL

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ASSIGNMENT

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Prodigene, Inc., a Texas corporation, having an address of 101 Gateway Blvd., Suite 100, College Station, Texas, 77845, its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No.60/430,626, filed in the United States Patent and Trademark Office on the 3rd day of December, 2002, entitled METHODS FOR SELECTING AND SCREENING FOR TRANSFORMANTS and in said application any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said Prodigene, Inc.

For said considerations the undersigned hereby agrees, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will

be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And for said considerations the undersigned hereby assigns to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agrees upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

This document is not intended and shall not be construed to alter in any way any previous agreement between the undersigned and Prodigene, Inc.

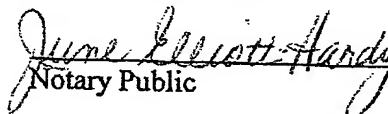

T. Scott Pinkerton

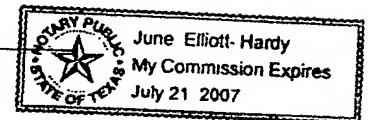
STATE OF TEXAS)
) ss.
COUNTY OF Brazos)

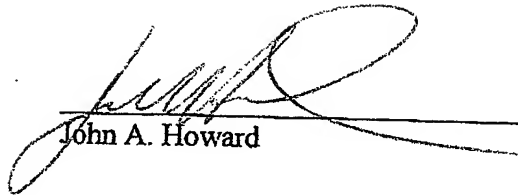
On this 22nd day of October, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared T. Scott Pinkerton, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Commission Expires 07-21-07


Notary Public



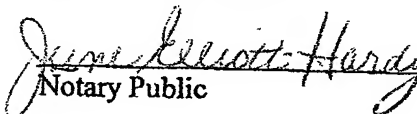

John A. Howard

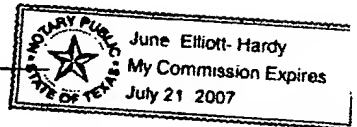
STATE OF TEXAS)
) ss.
COUNTY OF Brazos)

On this 22nd day of October, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared John A. Howard, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Commission Expires 07-21-07


Notary Public



James R. Wild

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared James R. Wild, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Commission Expires _____

Notary Public

John A. Howard

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared T. Scott Pinkerton, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Commission Expires _____

Notary Public

James R Wild

James R. Wild

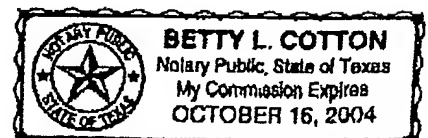
STATE OF TEXAS)
) ss.
COUNTY OF Brazos)

On this 2 day of December, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared T. Scott Pinkerton, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Commission Expires Oct. 16, 2004

Betty L. Cotton
Notary Public



ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Applied Biotechnology Institute LLC
5819 Stallion Ridge
College Station Texas 77845

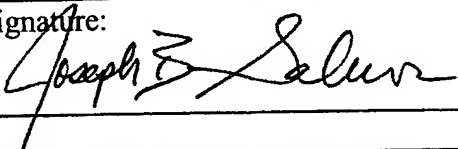
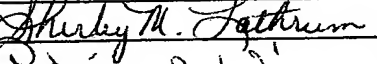

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "METHODS FOR SELECTING AND SCREENING FOR TRANSFORMANTS"

as set forth in his United States Patent Applications:

____ executed concurrently herewith
____ executed on _____
X Serial No. 60/430,626 filed December 3, 2002
X Serial No. 10/727,010 filed December 3, 2003

said application for United States Letters Patent, including all prior provisional applications, divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications, Letters Patent.

The undersigned hereby grant an authorized representative of Assignee the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Joseph B. Saluri, Vice President and Secretary for ProdiGene, Inc.	Signature: 	Date: Apr. 19, 2005
NAMES AND SIGNATURES OF WITNESSES		
Name: SHERLEY M. LATHRUM	Signature: 	Date: 4/19/05
Name: PATRICIA J. WIMER	Signature: 	Date: 4-19-05

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.